

Claims

[c1] What is claimed is:

1.A mobile phone system with a card character recognition function comprising:

a mobile phone;

an image-capturing module for capturing a card image;
and

a character recognition module for transferring the card image captured by the image-capturing module into character data and transmitting the character data to the mobile phone.

[c2] 2.The mobile phone system of claim 1 wherein the image-capturing module is a phone camera installed on a housing of the mobile phone.

[c3] 3.The mobile phone system of claim 1 further comprising a capturing jig for installation below a lens of the image-capturing module when capturing the card image, the capturing jig comprising:
a foldable rayshade made of opaque material;
a close-shooting lens installed inside the foldable rayshade for providing close-shooting focus; and
a light source installed inside the foldable rayshade for

providing light when capturing the card image.

- [c4] 4.The mobile phone system of claim 3 wherein the light source of the capturing jig contains a white light emitting diode (LED).
- [c5] 5.The mobile phone system of claim 1 wherein the image-capturing module is an external phone camera connected to the character recognition module outside the mobile phone.
- [c6] 6.The mobile phone system of claim 5 wherein the character recognition module is installed outside the mobile phone and connected to the mobile phone and the image-capturing module.
- [c7] 7.The mobile phone system of claim 1 wherein the character recognition module is installed inside a housing of the mobile phone.
- [c8] 8.The mobile phone system of claim 1 wherein the character recognition module is an optical character recognition system (OCR system).
- [c9] 9.The mobile phone system of claim 1 wherein the mobile phone comprises:
 - a housing;
 - a control module installed inside the housing for con-

trolling the mobile phone;

a display module installed inside the housing and electrically connected to the control module for displaying character data recognized by the character recognition module; and

a memory installed inside the housing and electrically connected to the control module for storing character data recognized by the character recognition module.

[c10] 10.A capturing jig for installation below a lens on an image-capturing module of a mobile phone when the mobile phone is capturing an image, the capturing jig comprising:

a foldable rayshade made of opaque material;

a close-shooting lens installed inside the foldable rayshade for providing close-shooting focus; and

a light source installed inside the foldable rayshade for providing light when capturing the image.

[c11] 11.The capturing jig of claim 10 wherein the light source contains a white light emitting diode (LED).